

## ABSTRACT OF THE DISCLOSURE

An example apparatus for manufacturing a ceramic device from tape  $[(21)]$  in a green state comprises a cylindrical rod  $[(23)]$  as a first forming element, a first clamping system  $[(241)]$  for fixing a first end of the tape  $[(21)]$  with respect to the cylindrical rod  $[(23)]$  and a first mechanism  $(20, 234)$  for winding the tape  $[(21)]$  around the cylindrical rod  $[(23)]$  to preform the tape  $[(21)]$ . The apparatus further comprises a second forming element  $[(33)]$ , a second clamping system  $(351, 352)$  for fixing at least one end of the pre-formed tape  $[(21)]$  with respect to the second forming element  $[(33)]$ , and a second mechanism  $(331, 351)$  which winds the pre-formed tape  $[(21)]$  around the second forming element  $[(33)]$ .